

**ATRN Blocking Peptide (N-term)**

Synthetic peptide

Catalog # BP20826a

**Specification**

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**ATRN Blocking Peptide (N-term) - Product Information**

Primary Accession

[O75882](#)**ATRN Blocking Peptide (N-term) - Additional Information**

Gene ID 8455

**Other Names**

Attractin, DPPT-L, Mahogany homolog, ATRN, KIAA0548, MGCA

**Target/Specificity**

The synthetic peptide sequence is selected from aa 32-46 of HUMAN ATRN

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ATRN Blocking Peptide (N-term) - Protein Information**

Name ATRN

Synonyms KIAA0548, MGCA

**Function**

Involved in the initial immune cell clustering during inflammatory response and may regulate chemotactic activity of chemokines. May play a role in melanocortin signaling pathways that regulate energy homeostasis and hair color. Low-affinity receptor for agouti (By similarity). Has a critical role in normal myelination in the central nervous system (By similarity).

**Cellular Location**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Secreted

**Tissue Location**

Isoform 2 is detected in plasma (at protein level). Expressed and secreted by activated T-lymphocytes. Expressed at low to moderate levels in peripheral blood leukocytes, spleen, lymph node, tonsil, bone marrow and fetal liver. At very low levels found in thymus. Isoform 2 is the major isoform in peripheral blood leukocytes

### **ATRN Blocking Peptide (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **ATRN Blocking Peptide (N-term) - Images**

### **ATRN Blocking Peptide (N-term) - Background**

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### **ATRN Blocking Peptide (N-term) - References**

Tang W.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:6025-6030(2000).  
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Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Deloukas P.,et al.Nature 414:865-871(2001).  
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